

SUBSTITUTE ABSTRACT

A B S T R A C T

A supply element for a microfluid microchip that can be used for chemical analysis has supply
5 lines or reservoirs that serve to supply the microchip with substances or reagents. Both ends of
the supply lines are sealed to prevent the substances from leaving the supply element or
contaminating the contained substances before an experiment. In addition, supply lines are
provided that are designed as contact pins to transfer electrical voltage from the supply device to
the microchip and serve to offer the required electrical potential for moving the substances
10 corresponding to the microfluid structure of the microchip. The supply element permits the
microchip to be easily supplied according to the cited requirements with the required substances
for a respective experiment and, in particular, has the advantage that only the supply element
itself directly contacts the microchip and can be soiled or worn. The supply element can also be
advantageously exchanged with a new element between individual experiments to
15 advantageously reduce to a minimum the danger of contamination by substances on the
microchip.